MIT870IS Series

USER GUIDE

For

MIT870IS SERIES PAGING RECEIVER

9261- 8346 (Issue 4)

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General User Information

Radio Reception

Your pager has been designed to give optimum performance within the coverage area of the transmitting system. As with any radio system, there may be areas of poor coverage where reception may be sporadic, or non-existent. If necessary, consult your system administrator in order to familiarise yourself with these areas.

Hazardous Areas

Standard versions of this pager should not be taken into areas where explosive gas, or dust products, may be present. This Intrinsically Safe version is the only version available for use in such environments.

Pager Care

Protect your pager from liquids, extreme temperatures and strong magnetic fields. Do not leave your pager exposed to strong sunlight, e.g. on a car dashboard, or a windowsill.

Servicing

Should your pager need repair, return it to the designated service agent, or Multitone Electronics plc. Do not attempt to open or repair the product, as it contains delicate components and requires specialised test equipment. Only qualified personnel in a Multitone Electronics authorised workshop should perform repairs.

Hazardous Areas - Europe

Your MIT 870IS Series pager, is suitable for use in hazardous area Zones ‘0’, ‘1’ & ‘2’ (Gas), as defined in IEC/CENELEC technical standard EN 60079-10.

Certification has been granted under the EU ATEX Directive 94/9/EC, to the standards EN60079-0 & EN60079-11.

Certification classification details:-

Disposable Battery Variant MIT870IS:-

CE 1180 Ex II 1G T135°C: Ex ia IIB T4 Ga
Baseefa 09ATEX0183X

Re-chargeable Battery Variant MIT870ISR:-

CE 1180 Ex II 1G T200°C: Ex ia IIB T3 Ga
Baseefa 09ATEX0183X

DO NOT USE RE-CHARGEABLE BATTERIES IN A DISPOSABLE BATTERY VARIANT PAGER, AS THIS WILL INVALIDATE THE INTRINSIC SAFETY CERTIFICATION!

SPECIAL CONDITIONS FOR SAFE USE

1. The re-chargeable version of the apparatus must only be charged with a charger having output characteristics of Um=10V, with a source resistance of 59Ω minimum.

2. The apparatus must only be programmed with a programmer having output characteristics of Um=10V, with a source resistance of 1.84kΩ minimum.

3. Use of this apparatus in atmospheres containing hazardous or conductive dusts is NOT permitted.

4. The ambient operating temperature range of the apparatus is -10ºC≤ Ta ≤+55ºC.

Battery changing/charging and the programming of MIT870IS equipments must only be carried out in a Safe Area. The definition of hazardous areas may be found in the European Standard EN 60079-10 (see Sections 14 & 15 for more details).

The MIT870ISR Series must only be connected to Multitone specified charging and data programming/retrieval facilities, to ensure the protection of the Intrinsic Safety properties.

See Page 38 for specified batteries.

CE

Declaration of Conformity In Accordance with the following EU Directives:-

Radio and Telecommunication Terminal Equipment
R & TTE Directive 99/5/EC
Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
ATEX Directive 94/9/EC
&
RoHS Directive 2011/65/EU
(Decision 768/2008/EC Annex II, Module A)

As the manufacturer, we declare under our sole responsibility that the equipment as specified below, conforms with all the applicable essential requirements of the EU Directives 99/5/EC and 94/9/EC (IS variants only).

R & TTE Directive 99/5/EC

Compliance is in accordance with the procedures of Annex II of the Directive and the technical standards as listed below. The technical documentation required to support this Declaration, is available for inspection by the relevant enforcement authorities.

Products Covered By This Declaration:-

Type of Equipment: **Intrinsically Safe Radio Paging Receiver;** Brand Name: **Multitone MIT870IS Series;** (**IS** variant utilises disposable Alkaline batteries; **ISR** variant utilises re-chargeable NiMH batteries).

Type Designation/Model: **MIT872IS/ISR (VHF); MIT873IS/ISR (UHF); Intrinsically Safe variants**.

These equipments are designated as Class 1.7 (receive-only radio) devices under the terms of the Directive and TCAM (Telecommunication Conformity Assessment and Market Surveillance Committee) classification scheme. As such, they may be freely distributed and operated within those territories where the Directive 99/5/EC has been implemented.

Technical Basis of Conformity:-

The product(s) identified above, conform(s) to the technical requirements of the Directive, by compliance with the following technical standards:-

ETSI EN 300 224-1 v1.3.1; ETSI EN 300 224-2 v1.1.1;
ETS EN 300719-1
(Directive article 3.2)**;**
ETSI EN 301 489-1 v1.9.2; ETSI EN 301 489-2 v1.3.1
(Directive article 3.1{b})**;**
EN 60950 2006 + A12:2011 (Directive article 3.1{a})**.**

ATEX Directive 94/9/EC

Products Covered By This Declaration:-

Type of Equipment: **Radio Paging Receiver;**
Brand Name: **Multitone MIT870IS Series;**
Type Designation/Model: **MIT872IS/ISR, MIT873IS/ISR - Intrinsically Safe variants**.

Technical Basis of Conformity:-

The product(s) identified above, conform(s) to the technical requirements of the Directive, by compliance with the following technical standards:-

EN 60079 - 0: 2012 & EN 60079 - 11: 2012

EC Type Examination Certificate No.:- Baseefa 09ATEX0183X
(SGS Baseefa is ATEX Notified Body 1180 – SGS Baseefa, Rockhead Business Park, Staden Lane, Buxton, Derbyshire SK17 9RZ)

Rating IS variant:- Ⓔx II 1G T135ºC EEx ia IIB T4 Ga

(-10ºC ≤ Ta ≤ +55ºC)

Rating ISR variant:- Ⓔx II 1G T200ºC EEx ia IIB T3 Ga

(-10ºC ≤ Ta ≤ +55ºC)

RoHS Directive 2011/65/EU

These equipments are manufactured to meet the RoHS Directive restricted substance thresholds and do not make use of any exemptions.

Attention!
The attention of the specifier, purchaser, installer or user, is drawn to any special measures and limitations of use which must be observed, in order to maintain compliance with the above Directives and certification, when the product is taken into service. Details of these measures are contained in the associated product documentation, or are available upon request from Multitone.

Signed:

B.R.Merchant,
Principal Approvals Engineer,
Multitone Electronics plc

Dated: 7th May 2013

FCC & Industry Canada Statement of Compliance

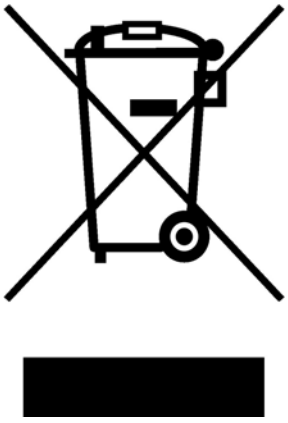
This device complies with Part 15 of the FCC Rules and Industry Canada Standard RSSGEN & RSS210.

Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference that may cause undesired operation.

Unauthorised modification to this equipment will void the user's authority to continue to operate the device within the scope of the Industry Canada and FCC Part 15 Rules.

Cet appareil est conforme au(x) standard(s) RSS exempt(s) de licence d'Industrie Canada. Son fonctionnement est sujet aux deux conditions suivantes: (1) cet appareil ne doit pas occasionner d'interférence et (2) cet appareil doit supporter toutes les interférences, y compris celles qui pourraient provoquer un mauvais fonctionnement de cet appareil.

A full technical specification for this product may be obtained from your Multitone representative, or www.multitone.com.



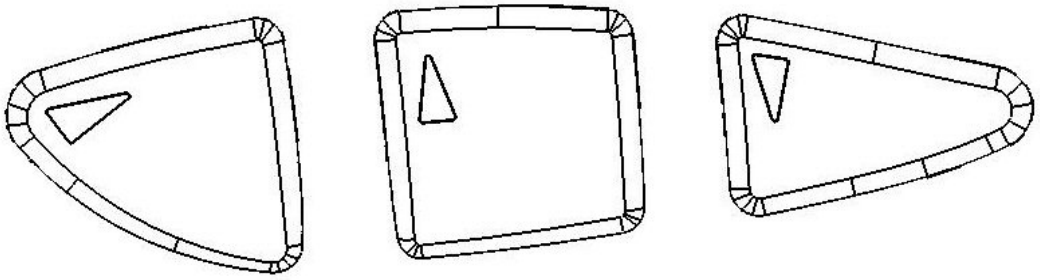
WEEE Directive & Product Disposal

At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to Multitone or their agent, for disposal.

Introduction

Your MIT870 pager is an alphanumeric radio-paging receiver, which is able to receive text messages and store them for you to view later. The high contrast screen is capable of displaying up to 150 characters, whilst operation of the functions may be performed via intuitive menus and 3 tactile buttons. An additional feature is that no icons are used on the screen, as all operating prompts are displayed in plain text language. In order to obtain maximum benefit from the features provided, please read this guide carefully.

Function/Control Buttons



Select/Enter Button **Scroll Up Button** **Scroll Down Button**

Select & Enter Button

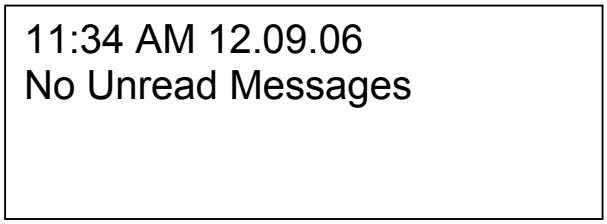
Denoted by the ▶ symbol, this button is used to move to and confirm selected options within the Menu Screens and to return to the Standby Screen when pressed for more than 1 second.

Scroll Up/Down Buttons

Denoted by the ▲(Up) and ▼ (Down) Symbols. These buttons are used to scroll up and down the Menu Screens.

Switching On Your MIT870 Pager

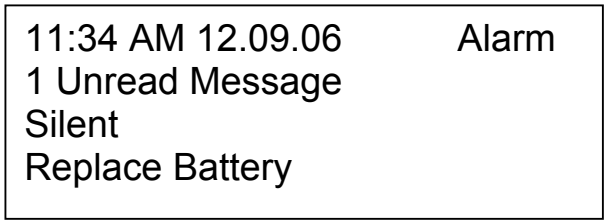
To switch on, just press and hold the ▶ button for more that half a second. The audible alert will sound and all the segments of the screen will be displayed for one second, to check display functionality. A message will then be displayed for three seconds, whilst other self-checks are performed. Finally, the Standby Screen will be displayed:



If your MIT870 does not switch on, check that a fresh battery is correctly installed, see section: **Changing the Battery**.

Status and Warning Messages

When your MIT870 pager is switched on, the Standby Screen is displayed. This consists of the time and date, with any additional status and warning messages. A typical screen is shown below:



The first line always acts as a clock, showing the current time and date. The time is shown to the left of the first line and the date is shown in the centre. The time may be displayed in either a 12 or 24-hour format.

Alarm will show at the right side of the top line, to denote that the internal alarm is currently set. The second line displays ***No Unread Messages*** or ***1 Unread Message*****,** to show how many messages have been received but not viewed.

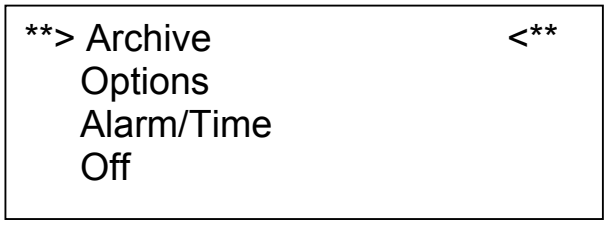
Sometimes another message, ***Memory Full*****,** may alternate with the message status. This occurs when the memory is almost full and the next message may overwrite the oldest read message.

The third line shows the status of the alert, ***Silent*** to warn that the audible alert has been turned off, or ***No Vibrate*** to show that the vibrate alert has been turned off. When both audible and vibrate alerts are turned off, ***Silent*** and ***No Vibrate*** alternate at 2-second intervals. If nothing is displayed, then both audible and vibrate alert are turned on.

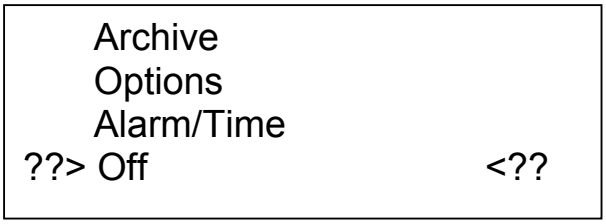
Depending on the programming options selected, the bottom line may display ***Replace Battery***, to indicate that the battery should be replaced. Likewise, if the MIT870 is out of range from the transmitter, the ***Out of Range*** message will also be displayed on the bottom line. In situations where ***Replace Battery*** and ***Out of Range*** are both displayed, these will alternate at 2-second intervals.

Switching Off Your MIT870 Pager

When the Standby Screen is displayed, press and release the ▶ button. The options screen will now be displayed:



The two pointers show the item that will be selected if the ▶ button is pressed. Use the ▲ or ▼ buttons to move the pointers to ***Off*** and select by pressing the ▶ button. The pointers will change to question marks, showing that confirmation is required to switch off:



Press the ▶ button again and your MIT870 will switch off. If switch off is not required, press either the: ▲ or ▼ button. When your MIT870 is switched off, any messages you have received will be retained in memory and the internal clock will remain running.

Receiving a Message

When your MIT870 pager receives a call, the LED will flash in sequence with the beep code pattern received, the audible alert will also sound in sequence (unless silent mode has been selected) and a vibrate alert is produced (unless vibrate has been turned off). The message will either be sent immediately to the message store, or will be displayed during the alert period, depending on whether the **Auto View** function has been selected. Press any button to cancel an alert:

Your car will be ready for collection next Monday afternoon■

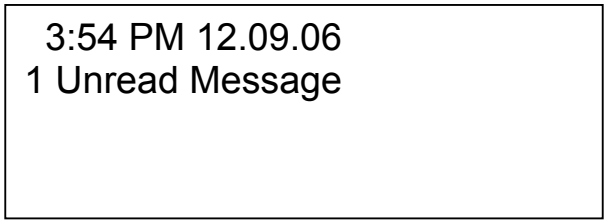
The end of the message is always shown by the character ■. If the message is very long and cannot be fully displayed on the current screen, then the last character will be a ►. This shows that the message is continued on the next screen:

Contact Mr Moore of ABC Electronics Tel: 01763-246391. The new contract is ready for signature can you sign this►

To see the rest of the message, simply press the ► button:

before Wednesday. JILL■

If the alert is not cancelled, the MIT870 will go to the extended alert mode and return to the Standby Screen, indicating that a new message had been received:



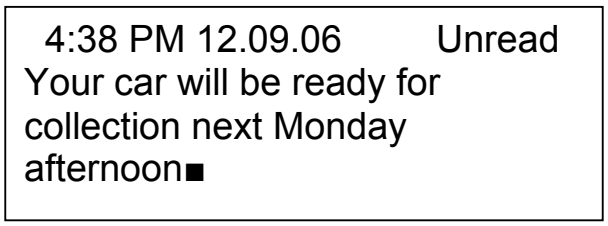
During the extended alert period, the alert LED will flash every two seconds, the audible alert will emit two short pips and the vibrate will issue a reminder every 90 seconds, 2, or 5 minutes, depending on how the pager has been programmed.

As each new message is received it is stored. When the message store is almost full, a warning message ***Memory Full*** will be displayed on the Standby Screen. To make room for new messages, your MIT870 will start to delete your oldest read messages. If there are no read messages, it will delete the oldest unread message.

Some MIT870's may be programmed not to display the message immediately. In this case press the ▲ button to cancel the alert, or the ▼ button to cancel the alert and display the message.

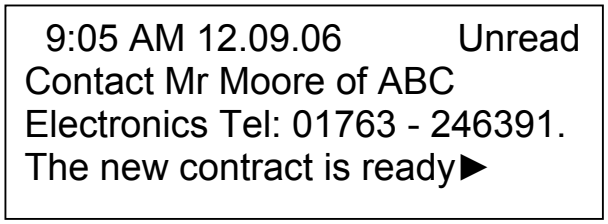
Reviewing Messages

To review your message, press the ▼ button whilst your MIT870 pager is displaying the Standby Screen. The most recently received unread message will then be displayed.



The top line shows the time and date that the message was received and to the right, the message status will be displayed. This will either be ***Unread*** or ***Read***.

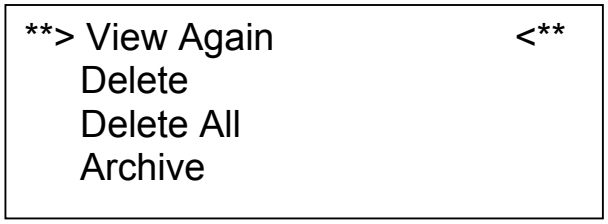
The next press of the ▼ button will display the previously received unread message, whilst selecting the ▲ button will display the previously viewed message.



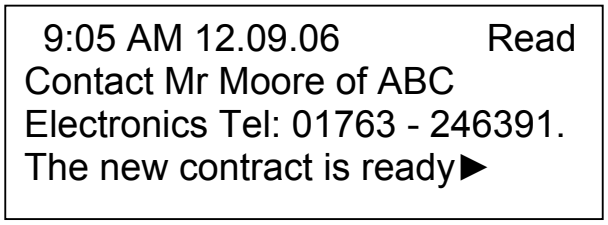
Using the ▲ and ▼ buttons, allows navigation of the stored messages. Unread messages are sorted in time order and are displayed first, followed by the read messages, also in time order.

Viewing a Message Again

While a message is being displayed, press the ▶ button and the message option screen will be shown.



Press the ▶ button again to select ***View Again*** and your MIT870 will display the last message again, which will then remain in the memory for you to view in future, until deleted.



If the message is in an unread state when ***View Again*** is selected, the status will change to ***Read***. Should the ***View Again*** option be used on a message before it has been retrieved from the memory, the date and time will be displayed with the message when it is displayed again, with the status set to ***Read***.

Deleting a Message

To delete a message, press the ▶ button when the ■ appears at the end of the message. The message option screen will be displayed:

```
**>  View again          <**
     Delete
     Delete All
     Archive
```

Press the ▼ button to move the pointers to the ***Delete*** item and select by pressing the ▶ button:

```
     View again
??>  Delete              <??
     Delete All
     Archive
```

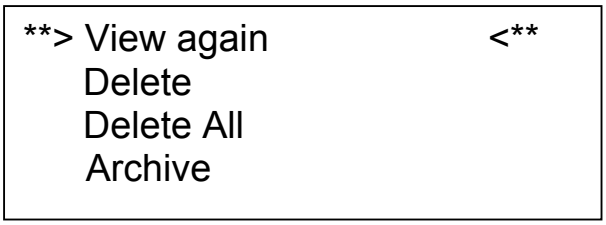
The pointers will change to question marks to show that confirmation of the delete action is required. If you do not want to delete, press the ▲ or ▼ buttons. To confirm that you wish to delete the message, press the ▶ button again and the screen will briefly display ***Deleting***.

When the current message has been deleted, the previously received message will be displayed. If you wish to delete this message repeat the procedure above. To return to the Standby Screen press and hold the ▶ button for one second, if there are no more messages, the following screen will be displayed:

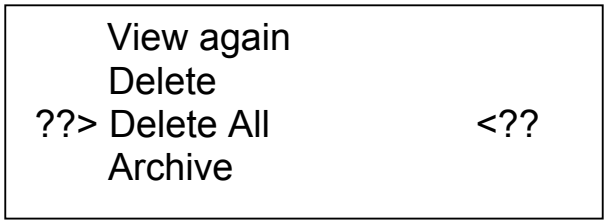
```
No messages
```

Delete All Messages

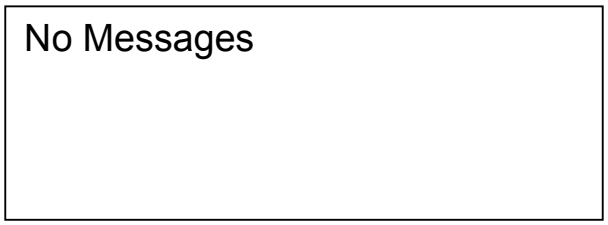
To delete all the messages, press the ▶ button when the ■ appears at the end of the message. The message option screen will be displayed:



Press the ▼ button to move the pointers to the ***Delete All*** item and select by pressing the ▶ button:

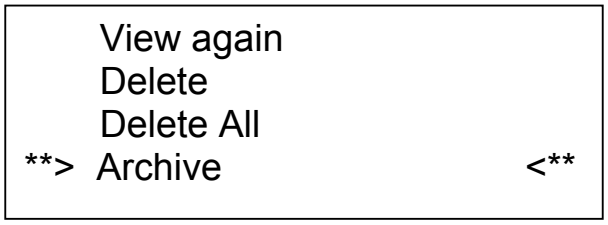


The pointers will change to question marks, to show that confirmation of the delete action is required. If you do not want to delete, press the ▲ or ▼ buttons. To confirm that you wish to delete the message, press the ▶ button again and the screen will briefly display ***Deleting***. Having deleted all the messages the following screen will be displayed:



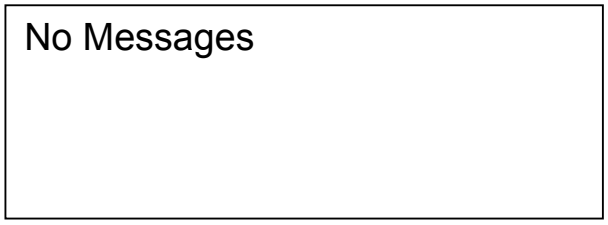
Archiving a Message

Messages may be stored for long-term reference, by using the archive facility. The MIT870 pager cannot automatically delete archived messages when the message memory is full, only the user can delete messages. At the end of the message you wish to archive, press the ▶ button to see the message option screen. Move the pointers to the ***Archive*** item with the ▲ or ▼ button:



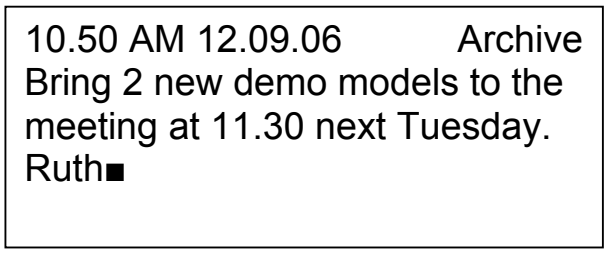
Select Archive with the ▶ button and the pointers will change to question marks.

Confirm your selection by pressing the ▶ button again. The screen will briefly display ***Archiving***. When the current message has been archived, the screen will show the previously received message. If you wish to archive this message, repeat the procedure. If there are no other messages, you may return to the Standby Screen by pressing and holding the ▶ button for one second. The following screen will be displayed:



Reviewing Archived Messages

To review your archived messages, press the ▲ button whilst your MIT870 pager is displaying the Standby Screen. When the MIT870 has been programmed to use Special Information Services, the Archive store can be accessed via the main menu:

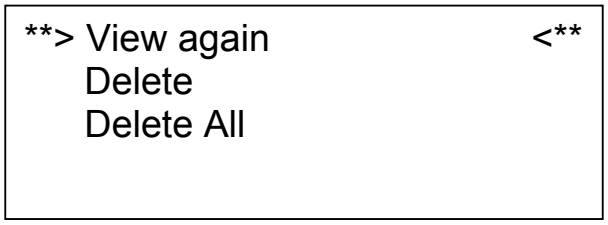


The first screen of the most recent archived message will be displayed. You may select the archived message that you want to review, by pressing the: ▲ or ▼ buttons until the first screen of the message is displayed. If the archived message is several screens long, you can view subsequent screens by pressing the □ button. The last screen of the message will contain the ■ symbol.

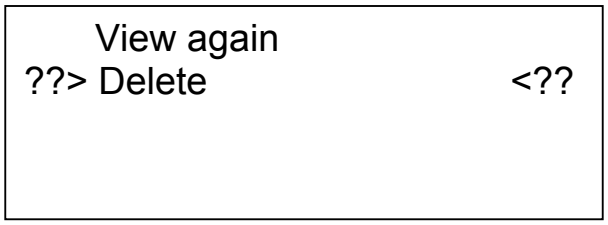
The top line shows the time and date that the message was received and to the right the message status *Archive* is displayed.

Deleting Archived Messages

To delete an archived message, press the ▶ button when the ■ symbol appears at the end of the message. The message option screen will be displayed:

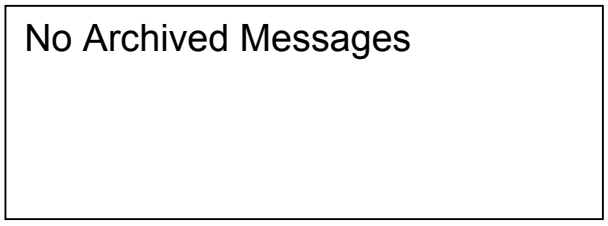


Press the ▼ button to move the pointers to the ***Delete*** item and select by pressing the ▶ button. The pointers will change to question marks.



If you do not want to delete, press the ▲ or ▼ buttons. To confirm that you wish to delete the message press the ▶ button again and the screen will briefly display ***Deleting***.

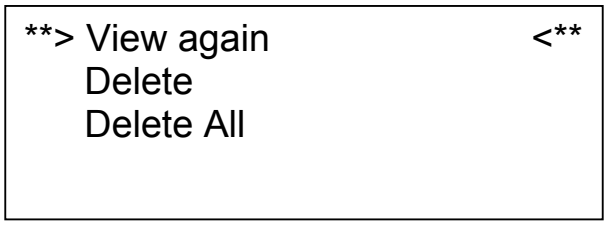
When the current message has been deleted, the previously archived message will be displayed. If you wish to delete this message, repeat the procedure. If there are no more archived messages, the following screen will be displayed:



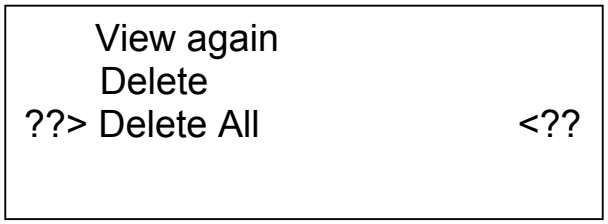
To return to the Standby Screen, press and hold the ▶ button for one second.

Delete All Archived Messages

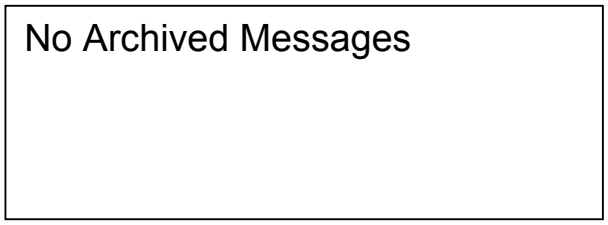
To delete all of the archived messages, press the ▶ button when the ■ symbol appears at the end of a message. The message option screen will be displayed:



Move the pointers to the ***Delete All*** item by pressing the ▼ button. Select by pressing the ▶ button and the pointers will change to question marks:



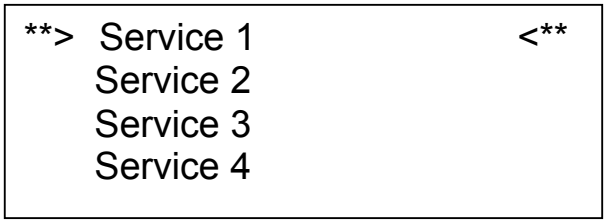
If you do not want to delete all the messages press the: ▲ or ▼ buttons. To confirm that you wish to ***Delete All*** the messages, press the ▶ button again and the screen will briefly display ***Deleting***:



To return to the Standby Screen press and hold the ▶ button for one second.

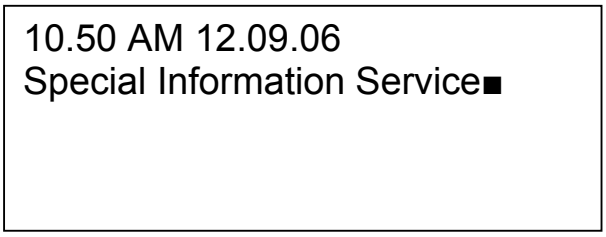
Reviewing Special Information Services (SIS) Messages

Some MIT870 pagers are programmed to receive SIS messages. To review SIS messages press the ▲ button whilst the MIT870 pager is displaying the Standby Screen:



When entering the SIS menu, the first four services are displayed. There are a maximum of 12 services available, their order being determined by the RIC and Function Code number selected. Use the: ▲ and ▼ buttons to allow you to navigate the menus available, to access the selected service press and release the ▶ button.

The date and time that the message was received is displayed on line one, followed by the message received:

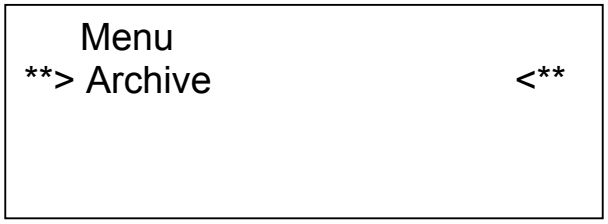


If the message is several screens long, you can view further these by pressing the ▶ button. The last screen of the message will contain the ■ symbol. If there is no message stored in the selected service the following screen is displayed:

To return to the Standby Screen, press and hold the ▶ button for one second.

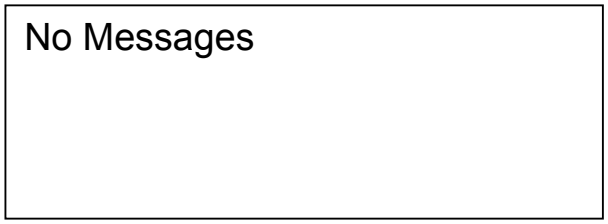
Archiving a Special Information Services (SIS) Message

Special Information Service Messages may be stored for long-term reference, by using the Archive Facility. The MIT870 pager cannot automatically delete archived messages when the message memory is full, the User can only delete these. At the end of the message you wish to archive, press the ▶ button to see the Special Information Service message option screen. Move the pointers to ***Archive*** using the ▲or ▼ buttons:



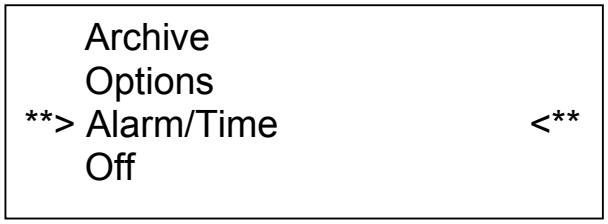
Select Archive with the ▶ button and the pointers will change to question marks.

Confirm your selection by pressing the ▶ button again. The screen will briefly display ***Archiving***. When the current message has been archived, the screen will show the previously received message. If you wish to archive this message, repeat the procedure. If there are no other messages, you may return to the Standby Screen by pressing and holding the ▶ button for one second. The following screen will be displayed:

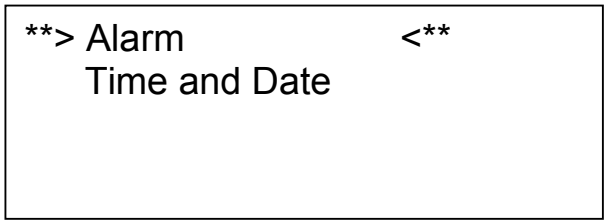


Setting Time & Date

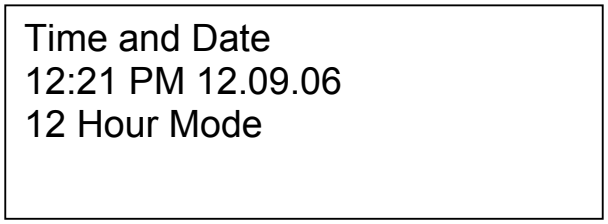
To set the time and date, press the ▶ button when the Standby Screen is displayed. The options screen will be displayed. Move the pointers to ***Alarm/Time*** by pressing the ▼ button:



Select this item by pressing the ▶ button:



Move the pointers to ***Time and Date*** by pressing the ▼ button, then select by pressing the ▶ button:



This screen allows you to set the time and date and also the 12 or 24-hour format. The currently selected item will flash. To select another item for change, press the ▶ button. Each press of the ▶ button will advance the selection to the next item. When the item you wish to change is flashing, press the ▲ or ▼ buttons to increase or decrease its value.

Once you have set the time and date, to return to the Standby Screen press and hold the ▶ button for one second.

Setting the Alarm

The internal clock can be set to trigger an alarm at a set time and date. At the chosen time, a triple beep will sound with a special tone and the warning ***Alarm*** will flash at the top right hand side of the Standby Screen. Press any button to cancel the audible warning.

To set the alarm, press the ▶ button when the Standby Screen is displayed. The options screen will now be displayed. Move the pointers to ***Alarm/Time*** by pressing the ▼ button:

```
     Archive
     Options
**>  Alarm/Time          <**
     Off
```

Select this item by pressing the ▶ button and the following screen will be displayed:

```
**> Alarm                <**
    Time and Date
```

Select Alarm by pressing the ▶ button, the Alarm screen will be displayed:

```
Alarm                    On
7:30 pm 12.09.06
```

This screen allows you to set the time and the date of the alarm. However, if the Alarm is set to 'Off' press the: ▲ or ▼ buttons to turn this function to 'On'.

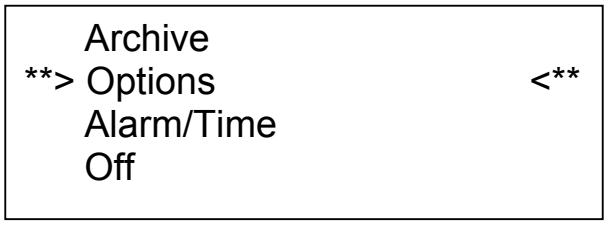
The top line of the screen indicates the status of the alarm. When the alarm is switched on, the second line shows the time and date that the alarm will sound.

The selected item will flash. To select the next item, press the ▶ button. Each press of the ▶ button will advance the selection. When the item you wish to change is flashing, press the: ▲ or ▼ buttons to increase or decrease the value. Once you have set the alarm, return to the Standby Screen by pressing and holding the ▶ button for one second.

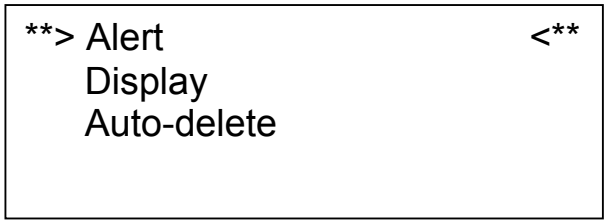
If your MIT870 pager is switched off at the selected alarm time, the pager will turn on and the audible warning will sound, the ***Alarm*** text will flash and the display will show the time and date. Press any button to cancel the alert, or after 16 seconds the alert will cancel and the MIT will switch off again. To switch the MIT870 back on again, press ▶ button for more than half a second.

Setting the Alert Options

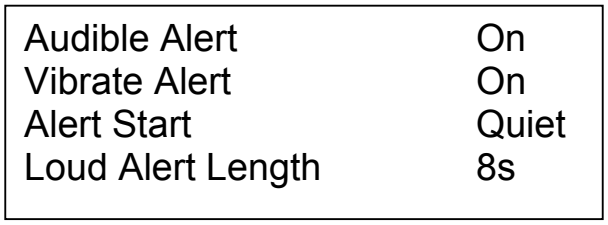
The MIT870 allows full control of how the pager alerts when messages are received, the audible alert and vibrate alert can be set to off or on and the start point and length of alert may also be set. To set the alert options, press the ▶ button. The Options Screen will now be displayed:



Select ***Options*** and press the ▶ button again. The following screen will be displayed:



Select ***Alert*** by pressing the ▶ button and the following screen will be displayed:



You are now able to modify the alert options. The currently selected item will flash and each press of the ▶ button will advance the selection to the next menu item.

When the item you wish to change is flashing, press the ▲ and ▼ button to change its value:

The ***Audible Alert*** can be either enabled, or disabled.

The ***Vibrate Alert*** can be either enabled, or disabled.

The ***Alert Start*** can be set to ***Lamp, Quiet*** or ***Loud***.

- ***Lamp*** option: When a message is received the MIT870 LED will flash for 4 seconds with no audible alert being sounded, before moving on to the Quiet Stage

- ***Quiet*** option: When a message is received, the audio alert will sound at a lower volume for 4 seconds, before moving on to the Loud Stage

- ***Loud*** option: When a message is received, the audio alert will sound at full volume for the duration set by the ***Full Alert Length.***

The ***Full Alert Length*** can be set to 8, 16, 32 seconds, or Continuous. When set to Continuous, the alert will automatically cancel after 14 minutes.

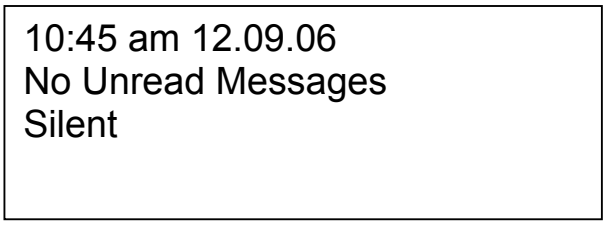
The MIT870 can be programmed to have the ***Silent*** mode inhibited. Under these circumstances, the ***Audible Alert*** and or ***Vibrate*** options will not be present in the menu.

Once your desired alert options have been selected, press and hold the ▶ button for one second and the MIT870 will return to the Standby Screen.

Audible Alert Switch Off

Sometimes you may want to simply turn off the audible alert, without changing the other alert items. For example, when you are in a meeting and do not want the intrusion of the beep sounding, a single button press may be a more convenient way to disable the audible alert.

To turn the beep off, press and hold the ▶ button for 7-seconds when the Standby Screen is displayed, when the warning ***Silent*** is displayed release the ▶ button.

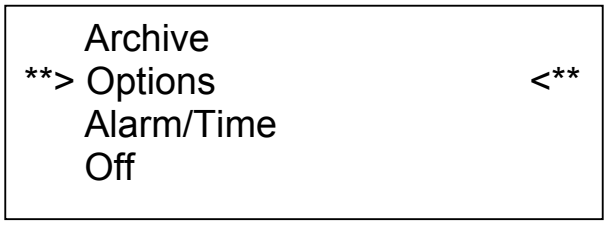


Please note: the "rapid mute toggle" option must be enabled via the programming software, to allow this function to operate.

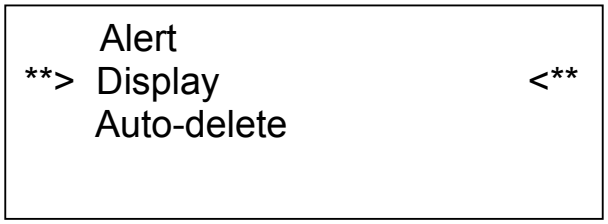
To restore the audible alert again, proceed in the same way holding the ▶ button depressed for three seconds, until the ***Silent*** warning is removed from the Standby Screen.

Setting the Message Display Options

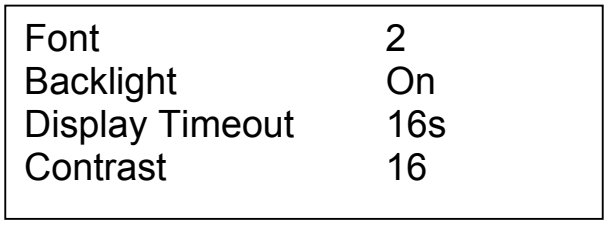
Your MIT870 pager is equipped with display options and these may be set according to your personal requirements. To change the message display options, press the ▶ button from the Standby Screen. The Options Screen will now be displayed and select ***Options*** by pressing the ▶ button:



Move the pointers to ***Display*** by pressing the ▼ button and select this item by pressing the ▶ button:



The following screen will be displayed:



The selected item will flash. To select the next item, press the ▶ button. Each press of the ▶ button will advance the selection to the next menu item. When the item you wish to change is flashing, press the ▲ or ▼ buttons to change its value.

The ***Font*** option can be set to 1, 2 or 3:

- Font option 1 - Corresponds to a text size allowing up to 6 lines per screen (this text size option may be disabled via the programming software).

- Font option 2 - Corresponds to a text size allowing up to 4 lines of larger text per screen.

- Font option 3 - Corresponds to a text size allowing up to 4 lines per screen of larger text, in a bold font (the date stamp can be suppressed via the programming software, when this text size is selected).

The ***Backlight*** can be either enabled, or disabled. When disabled, it will help to prolong battery life.

The ***Display Timeout*** can be set to 8, 16 or 32 seconds. This option determines the length of time that selected screen remains on display before reverting back to the Standby screen, if no buttons are selected.

The ***Display Contrast*** can be increased, or decreased.

When you have finished setting your display options, return to the Standby Screen by pressing and holding the ▶ button for 1 second.

Setting Auto Delete

The ***Auto Delete*** function allows you to set the maximum number of stored messages, excluding those in the ***Archive*** memory. If the number of messages in the memory exceeds the selected number, then the oldest Read message is deleted. Should there be no Read messages, then the oldest un-read message is deleted instead.

If the ***Auto Delete*** value is changed and the number of messages in the memory exceeds the new setting, then one message will be deleted per minute, until the memory equals the new setting. The available options are: OFF, 1, 2, 3, 5, 10, 25 and 50 messages. To access the ***Auto Delete*** function, press ▶ the button to display the Options Screen.

```
     Archive
**>  Options                <**
     Alarm/Time
     Off
```

Press the ▶ button to select ***Options***. Move the pointers to ***Auto-delete*** by pressing the ▼ button and select using the ▶ button:

```
     Alert
     Display
**>  Auto-delete           <**
```

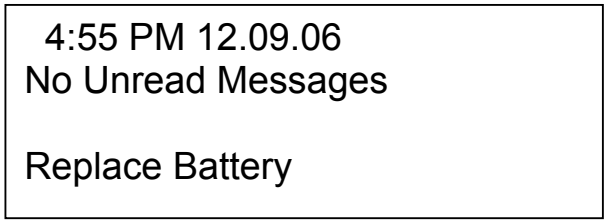
The following screen will then be displayed:

```
Auto - delete              Off
```

To set up ***Auto-delete***, press the ▲ or ▼ button to change the setting and then return to the Standby Screen by pressing and holding the ▶ button for one second.

Changing the Battery

When the battery is near the end of its operating life, the MIT870 is programmed to provide a visual, audio and vibrate alert warning. The normal audible beep alert will change to a different tone and the ***Replace Battery*** warning will be displayed on the Standby Screen:



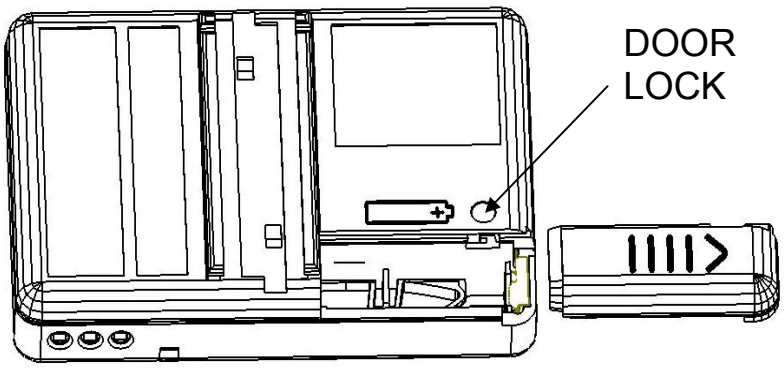
The MIT870 pager will continue to operate normally for several days, to ensure that calls are not missed, the old battery should be replaced with a fresh AAA sized cell as soon as possible.

This product has been certified for use only with the following batteries, the use of any other battery type will invalidate the equipment's Intrinsic Safety status.

Alkaline disposable:-
Energizer E92 & Energizer Industrial EN92 (AAA)
Varta 4003 Alkaline; Varta Maxi Tech 4703 (AAA)
Power One 4103 (AAA)

NiMH rechargeable:-
Enix NX Ready

To remove the battery door, insert the special tool into the battery door lock aperture adjacent to the battery symbol on the rear of the pager. While gently pressing the tool into the door lock aperture, slide the battery door off in the direction of the arrow mark. All of your messages and settings will be retained while you change the battery, but to ensure the retention of the clock settings, insert the new battery within one minute of removing the old battery.



Insert the new battery in the direction as shown on the case back, by sliding in the negative (-) end first. Slide the battery door back into position so that it locks automatically with a click.

Ensure that the battery door is secure, before taking the pager into a hazardous area. Do not use equipment without this door in position.

Dispose of the old battery carefully with consideration for the environment and do not recharge or incinerate alkaline batteries.

Absence & Charging

When your pager is inserted into an Absence Rack, it will automatically be switched into *absence mode.* A pager which is already *on* will reset and a pager which is *off* will switch on and enter the *absence mode*. **No paging calls will be accepted whilst the pager is in the rack and any stored messages will be erased.**

When in a rack, your pager may display a programmable message of up to 24 characters. This message may be programmed either prior to bringing the pager into service, or new alphanumeric messages may be transmitted to it via the absence rack data bus.

When a pager is removed from the rack, it will automatically enter its switch-on sequence.

When a single-unit charger or charger-only rack is used, the pager may still receive calls, but its radio sensitivity may be impaired and the vibrate option inhibited.

16. USER SERVICEABLE PARTS

For replacements, quote the following Multitone Part Numbers: -

Battery Door - 0801-0103
Battery Door Tool - 8961-3053
Clip Hinge/lock - 0301-0548
Clip Sprung - 0301-0550
Lanyard - 7961-5055
Holster - 0801-0113
Disposable Battery (Alkaline) - 5601-0010
Re-chargeable Battery (Ni-MH) - 5603-0011

Notes:

This document is for guidance only. Products and services offered are subject to availability and may differ from those described or illustrated in this document as a result of changes. Specifications are subject to change without notice.

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